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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/621,413	07/18/2003	Michael Joseph McCloskey	TR-155-US	2791
36630	7590	12/05/2007	EXAMINER	
VICTORIA DONNELLY			TRAN, DZUNG D	
PO BOX 24001				
HAZELDEAN RPO			ART UNIT	
KANATA, ON K2M 2C3			PAPER NUMBER	
CANADA			2613	
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**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Advisory Action  
Before the Filing of an Appeal Brief**

Application No.

10/621,413

Applicant(s)

MCCLOSKEY ET AL.

Examiner

Dzung D. Tran

Art Unit

2613

**--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

THE REPLY FILED 05 November 2007 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☐ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.  
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2. ☐ The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);  
(b) ☐ They raise the issue of new matter (see NOTE below);  
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
5. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
6. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).  
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☒ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.  
The status of the claim(s) is (or will be) as follows:  
Claim(s) allowed: \_\_\_\_\_.  
Claim(s) objected to: \_\_\_\_\_.  
Claim(s) rejected: 1-13.  
Claim(s) withdrawn from consideration: \_\_\_\_\_.

**AFFIDAVIT OR OTHER EVIDENCE**

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).  
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
See Continuation Sheet.  
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_.  
13. ☐ Other: \_\_\_\_\_.

  
DZUNG TRAN  
PRIMARY PATENT EXAMINER

Continuation of 11. does NOT place the application in condition for allowance because: Applicant argues that Clark does not teach a limitation "(c) gradually increasing optical power of an optical signal provided to the selected section of the optical link from the transmitter until the optical signal is detected at the monitoring point belonging to the selected section; (d) verifying if the detected optical signal is being detected at a correct location according to a network specification and if the power of the detected optical signal is at the expected level according to the network specification; (e) selecting a next section of the optical link adjacent to the previously selected section and further away from the transmitter in the optical network. However, Figures 3 and 4 of Clark's reference clearly discloses an optical system comprising transmitting terminal 220a and a receiving terminal 220b, the optical link being divided into a number of sections (e.g., n sections) wherein the power control unit 360 control the launch power (or start up power) of Tx 350 by adjusting (i.e., gradually increasing or decreasing optical power of an optical signal) of Tx 350 based on the SNR that is detected at the monitoring points (i.e., the optical signal is detected by monitor 380 at any monitoring points m where  $m < n$ ) (see paragraphs 0027-0033, specially last sentence of paragraph 0033). Clark further discloses in paragraph 0033 that the SNR monitor 380 analyze the measured SNR at wavelengths spanning the launch power profile to determine if the SNR across each wavelength is approximately constant. If the SNR across each wavelength is not approximately constant, a pre-emphasis value is determined (e.g., equivalent to step (d) for verifying if the detected optical signal is being detected at a correct location according to a network specification and if the power of the detected optical signal is at the expected level according to the network specification). Clark further discloses in paragraphs 0032- 0033 that the SNR may then be measured over a subset of spans, such as m spans of the n spans system, where  $m < n$  (e.g., equivalent to step (e) selecting a next section of the optical link adjacent to the previously selected section and further away from the transmitter in the optical network .